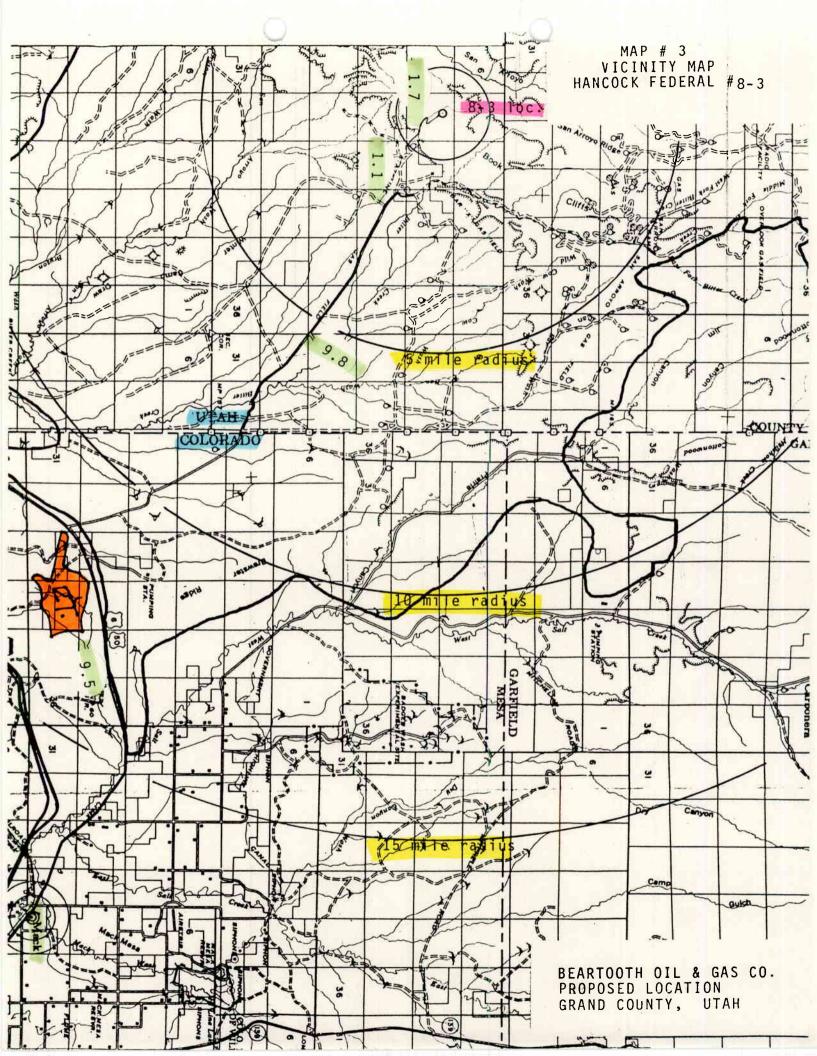
Form approved. Budget Bureau No. 42-R1425.

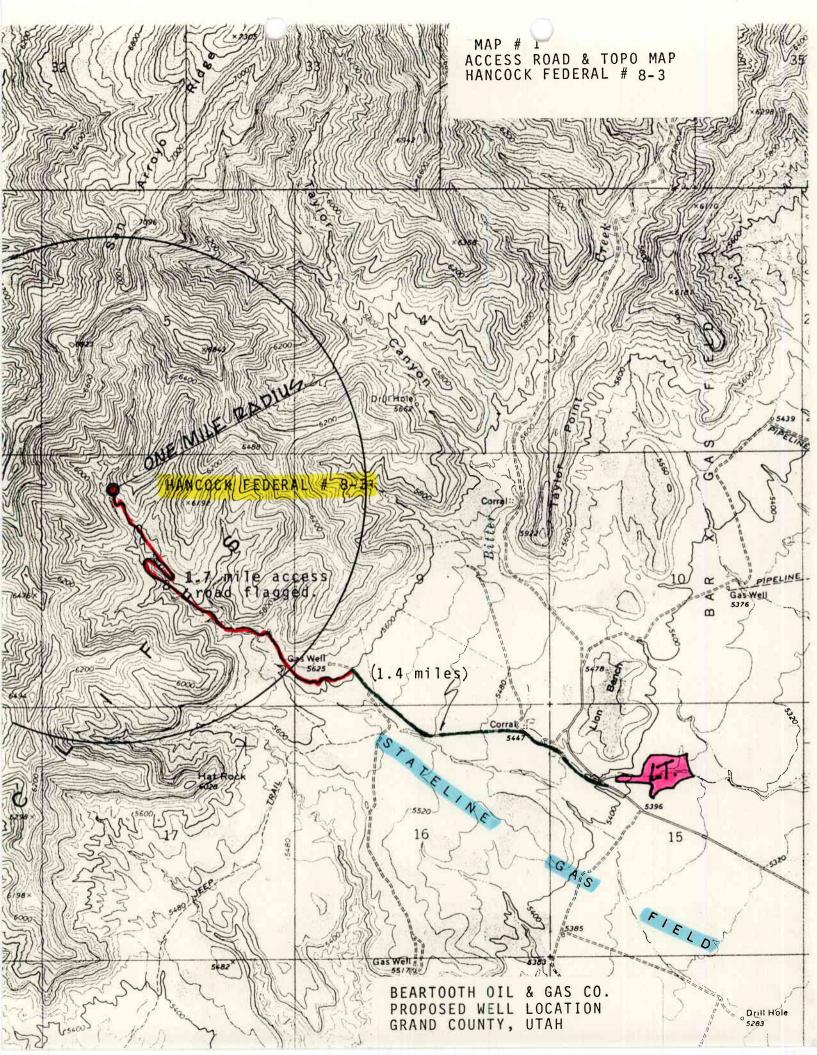
UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO. U-04984 **GEOLOGICAL SURVEY** 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME PLUG BACK DEEPEN [DRILL X Winter Camp / b. TYPE OF WELL SINGLE ZONE MULTIPLE Zone S. FARM OR LEASE NAME OIL WELL GAS WELL X OTHER Federal 2. NAME OF OPERATOR 9. WELL NO. Beartooth Oil & Gas Company Hancock Federal No. 8-3 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT P. O. Box 2564, Billings, Montana 59103 State Ine 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) AND SURVEY OR AREA 759' FNL, 1545' FWL At proposed prod. zone NEŁNWŁ Sec. 8-TI7S-R25E same 12. COUNTY OR PARISH | 13. STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Utah Grand 20 miles northwest of Mack, Colorado 17. NO. OF ACRES ASSIGNED TO THIS WELL 15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT 16. NO. OF ACRES IN LEASE 759' 640 320 (Also to nearest drlg. unit line, if any) 20. ROTARY OR CABLE TOOLS 19. PROPOSED DEPTH . 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 49901 Rotary None 22. APPROX. DATE WORK WILL START* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) November 22, 1982 5877' GL, 5888' KB PROPOSED CASING AND CEMENTING PROGRAM 23. QUANTITY OF CEMENT WEIGHT PER FOOT SETTING DEPTH SIZE OF CASING SIZE OF HOLE 150 sacks Class "G" 3001 12-1/4" 9-5/8" 32.3# H-40 STC 150 sacks 50-50 pozmix 7¹¹ New 20# K-55 STC 900' 8-3/4" 6-1/4" 4-1/2" New 4990' 175 sacks RFC 11.6# K-55 LTC Surface formation is the Mesaverde. Anticipated geologic markers are: Frontier 3957', Dakota 4338', Morrison 4500', Salt Wash 4890': Gas is anticipated in the Dakota, Morrison and in the Salt Wash. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde. Proposed casing program: See Item No. 23 above. 7" casing will be run only if water is encountered in the Mesaverde. Pressure control equipment: See attached well control plan and schematic of drilling contractor's BOP stack. BOP's will be tested before drilling out from under surface casing and checked daily. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered, chemical-gel type mud will be used. The well will be air drilled from under surface casing to total depth. (continued on back page) IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. 10/15/82 Petroleum Engineer SIGNED James G. Routson for Federal or State office use) APPROVED BY THE STATE APPROVAL OF UTAH DIVISION OF PERMIT NO. OIL, GAS, AND MINING APPROVED BY _ CONDITIONS OF APPROVAL, IF ANY:

TOWNSHIP PLAT

			Оw	me	r_	1	3El	7/9/	00	TH			Qİ)		:	.)						D	ate)	10	-/2	<u> 5-8</u>	52	-		
		,	Tov	vns	shij	p		<u> 17:</u>	5_			Ra	ng	e_	Q	5	<u></u>		Coi	unt	y _		S RI	TV 4	0						
					X	′ =	/	PRO	PO	SEL	2 3	517	Z=5	F	O/P	H	AN	200	ch	4	JΕ	<u>L</u> 2	3								
Г								T		7	K ,,																				
		7							OV.		7/										J=E	را	3-8								
		36] J= [20 4	1-11		³4— 			1	;s— 				ا]	
						1.		Π							1																
Г		T										×		17						7											Γ
		1				*			*					<i>y</i>	Ì			İ	×					0						 -	Г
		1				— ا		\$		ر ا			×	4 — 	≯			}—- 			7	}							6 	,	
					米													<u> </u>	*					-							Γ
									8												*										
				渉				\Box	7									†	<u> </u>				茶								
	 	12				7 		∇		* 				9 	<u>-</u> ģ		1	Ϊ×Χ			ļ¹) —— 	71.		米,	2					Γ
	1				₩		/	1				茶			X							ļ					茶				Γ
							7																								Γ
				F	E0	8-	3						*	1				1		Ì		茶									Г
]3 		Ca	use	187	13	3	<u> </u>	· 承			-/- '	6 			'				1	4 				3			18	3	
Г				7	- 4.6	1-	0							Þ	****	汝									*				\neg		
											×		茶	+																	
						<u> </u>																									
		24— 			1	19 				ж 			2	21			7-2	2 0	27-	9	2	3			2	1			—19 	·	
	1						<u> </u>	FE	ĎΖ	0-1			·																一		<u> </u>
Г																															Γ
Г				•											†				1										\neg		
	7	25 				30			2					28 — 			2	!7 —— 	×		2	!6 			2	5			30 	0	
																	7.														
Γ	1												:				1								1						
									1																					:	
	1-3	36 — 			3	}]] 3	2			3	 			3	4 			3	5 — 			3	6 —			31 		
															<u> </u>														一		
																												i	\neg		Γ
			•		-		<u> </u>																						\exists		
	П					•—]				i			:	3 			: 	? 							—6 1		





OPERATOR BEANTOUTH OIL SE	15 CO	DATE /0-/9-82
WELL NAME HANCOCK FED	#8-3	
SEC <u>NE NW 8</u> T <u>175</u>		GRAND
43-014-3/013, API NUMBER	J=C	OF LEASE
POSTING CHECK OFF:		
1NDEX	HL	
NID	PI	
MAP		
PROCESSING COMMENTS:		
RTF. V		
APPROVAL LETTER:		
SPACING: A-3 WINTER CANDUNIT	<u>ир</u> с-3-а	CAUSE NO. & DATE
c-3-b	c-3-c	
SPECIAL LANGUAGE:		
		<u></u>

Attende 😿 🏺

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME	DATA ON PLAT MAP.
AUTHENTICATE LEASE AND OPERATOR INFORMATION FED	
VERIFY ADEQUATE AND PROPER BONDING	
AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.	
APPLY SPACING CONSIDERATION	
ORDER 13-3 releases sit	e from spacing
UNIT Winter Comps	
c-3-b □ c-3-c	
OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE	E OPERATOR.

A

October 19, 1982

Beartooth Oil & Gas Company P. O. Box 2564
Billings, Montana 59103

RE: Well No. Hancosk Fed. #8-3 NENW Sec. 8, T.17S, R.25E Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer

CLEON B. FEIGHT - Director

Office: 533-5771 Home: 571-6068

OR

Office: 533-5771 Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31013.

Sincerely,

Norman C. Stout

Administrative Assistant

NCS/as

cc: Minerals Management Service

Enclosure

SUBMIT IN TRI. ___ATE*

Form approved.
Budget Bureau No. 42-R1425.
HINERALS MANAGET

SERVICE

(Other instructions on reverse side)

UNITED STATES DEPARTMENT OF THE INTERIOR

	DEPARTMEN'	T OF THE I	NTERI	O,R	Γ	5. LEASE DESIGNATION	SERVICE
	GEOLO	GICAL SURV	EY			U-04984	RECEIVED
APPLICATION	N FOR PERMIT	TO DRILL,	DEEPEN	I, OR PLUG	BACK	6. IF INDIAN, ALLOTTEE	^ .
1a. TYPE OF WORK				-2071	MA	7. UNIT AGREEMENT NA	UCT 18 1982
	LL 🛚	DEEPEN			177 +48	Winter Camp	SALT LAKE CITY, (
b. TYPE OF WELL	AS []	- 20	Cha	MULTI	THE	S. FARM OR LEASE NAM	· · · · · · · · · · · · · · · · · · ·
WELL W	ELL X OTHER	\ V	H.C.	ZONE		Federal	
	0:1 - 0 6	\	MAG	19438	5 -	9. WELL NO.	
3. ADDRESS OF OPERATOR	h Oil & Gas Com	pany	THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S	HI3134 - 11083		Hancock Fede	ral No. 8-3
P O Bo	x 2564 Billing	s. Montana	59163	The Minne	15	10. FIELD AND POOL, OF	R WILDCAT
4. LOCATION OF WELL (R	x 2564, Billing	in accordance wi	th any Sta	ON BURNEY	Milio	State Line	
At surface	9', FNL, 1545', F	WL	O)	ONDESON	Milan	11. SEC., T., R., M., OR B AND SURVEY OR AR	LK.
At proposed prod. zon	G 1/0//		V	Wir Chi	. !	NE‡NW‡ Sec.	8-T17S-R25E
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE*			12. COUNTY OR PARISE	13. STATE
20 miles	northwest of M	ack, Colora	obe	a .		Grand	Utah
15. DISTANCE FROM PROPO	SED*			OF ACRES IN LEASE		F ACRES ASSIGNED	- 1
LOCATION TO NEAREST PROPERTY OR LEASE I	INE, FT.	759'	1	640	10 16	320	
18. DISTANCE FROM PROF	OSED LOCATION*		19. PROP	OSED DEPTH	20. ROTAR	Y OR CABLE TOOLS	
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	None]	4990'		Rotary	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)					22. APPROX. DATE WOL	_
587	7' GL, 5888' KB	· •				November 22	2, 1982
23.	:	PROPOSED CASI	NG AND	CEMENTING PROGR	AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER I	roor	SETTING DEPTH		QUANTITY OF CEMEN	
12-1/4"	9-5/8"	32.3# H-4	STC _	3001		acks Class "G"	
8-3/4"	7 ¹¹ New	20# K-55		900'		acks 50-50 poz	mix
6-1/4"	4-1/2" New	11.6# K-5	5 LTC	4990'	175 s	acks RFC	
	1	`					٠, پ
1. Surface f	ormation is the	Mesaverde		20E71 Del		Ql Marrison b	ENNI
2. Anticipat	ed geologic mar	kers are:	Fronti	er 395/ , Dai	cota 4))	o, morrison 4	,
Salt Wash	ticipated in th	o Dakata I	Morriso	n and in the	Salt Wa	sh No ail ar	other
3. Gas is an	are anticipated	Dossible	nullisc n water	cande are e	vnected	in the Mesaver	·de :
minerals b Proposed	casing program:	. FUSSIDI	No 23	sands and co	rasing w	ill be run onl	v if
	encountered in			7 T (Jasing W	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4.5
5. Pressure	control equipme	nt: See a	ttachec	l well contro	l plan a	nd schematic o	òf⊸ੈ
drilling	control equipme	P stack. B	OP's wi	ll be tested	before	drilling out f	rom
	face casing and						* .
6. Air or mi	st drilling wil	1 be used	to dril	I the surface	e hole u	ınless water is	encountered.
lf water	is encountered,	chemical-	gel typ	e mud will be	e used.	The well will	be air
drilled f	rom under surfa	ce casing	to tota	al depth.			•
	(continued or			1			•
zone. If proposal is to	E PROPOSED PROGRAM: If drill or deepen direction	proposal is to dec	nen or plu	g back, give data on p subsurface locations a	oresent produ nd measured	octive zone and proposed and true vertical depth	l new productive s. Give blowout
preventer program, if an 24.	· · · · · · · · · · · · · · · · · · ·						
SIGNED JOMS	22. Coutso	<u> </u>	Pe	etroleum Engi	neer	DATE 10/15	5/82
(This space for Fede	G. Routson eral or State office use)	· .			· · · · · · · · · · · · · · · · · · ·		
(T TITO DISTRICT YOU TO COL							

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY ...

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FOR E. W. GUYNN

DISTRICT OIL & GAS SUPERVISOR

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATEC 1/1/30

JAN 14 1983

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. be obtained from, the local Federal and/or State office

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Consult local A plat, or plats, separate or on this reverse side, show-Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse siding the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices. State or Federal office for specific instructions.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone. Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started

女 U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-396

See well control plan. Auxiliary equipment: The logging program will consist of a DIL log from TD to base of intermediate casing, and No cores or DST's are planned. GR-FDC-SNP or CNL logs from TD to above the Frontier.

No poisonous gas is anticipated. No abnormal pressures or temperatures are anticipated. م

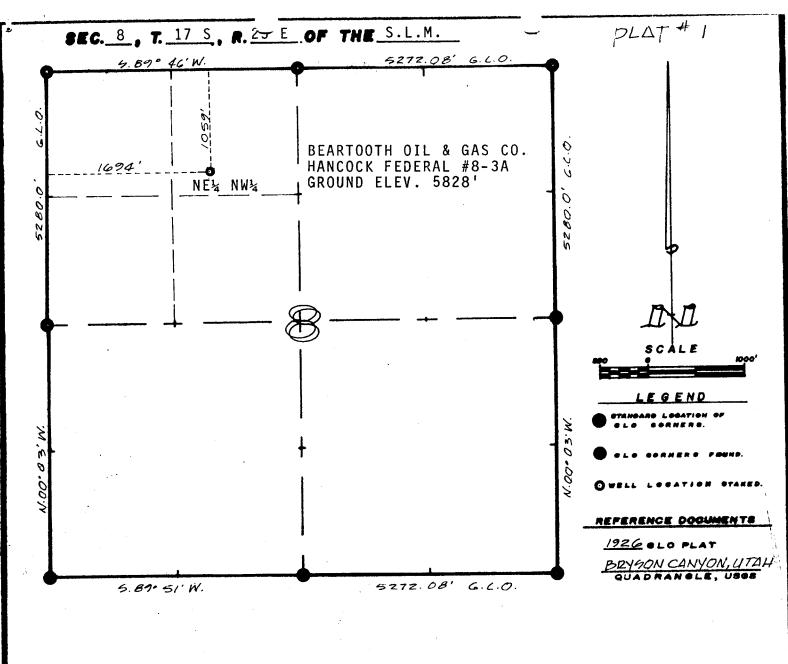
o O Completion operations should commence within 30 days 1982. Anticipated spud date is November 22, rig release. 0

Survey plats are attached.

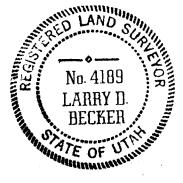
The gas is not dedicated. 2

Agent forms from Hancock will be sent to the MMS Unit Division in Denver Designation of 3.

Burton Hancock's bond. This well will be drilled under



THIS WELL LOCATION	PLAT WAS	PREPARED	FOR BEAR	TOOTH OIL & GAS CO.
AS REQUESTED BY HANCOCK FEDERAL # 8-	KEN CURRE	Υ	, TO	LOGATE THE
IN THE NE 1/4 NW 1/4,	OF SECTION	8 , T. <u>17</u>	S., R. 25 E	OF THE S.L.M.
GRAND	COUNTY,	U	IAH	



SURVEYOR'S GERTIFICATE

I, LARRY D. SECKER A REGISTERED LAND SURVEYOR
IN THE STATE OF .UTAH ... DO HERBBY GERTIPY.THAT THIS
SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND
THAT THIS PLAT REPRESENTS SAID SURVEY.

Jarry O. Becker

PRANK //- 1- 82

ENERGY SURVEYS & Engineering Corr

1156 BOOKGLIPP AVE. NO4 GRAND JUNGTION, GO. 81801 303 248-7281 99ALE /" = /000'

Beartooth Oil & Gas Company Well No. 8-3 Section 8-T17S-R25E Grand County, Utah Lease No. U-04984

Supplemental Stipulations:

- 1. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 2. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. Salvage or excavation of identified archaeological sites will be done only if damage occurs.
- 3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved prior to use, by the agency or individual holding the water rights.
- 4. Due to the sensitive nature of this location, A Post Construction/ Pre-Spud inspection will be required to examine access road, pit construction and rip-rap on west edge of pad. 48 hour notice required.
- 5. The top 4 to 6 inches of topsoil will be removed from the location and stockpiled separate from the trees and vegetation on the south side of the location. The pad will be extended in a "Y" on south end for topsoil stockpile.
- 6. The reserve pit will be located on the east side of the location and will be lined with 20 mill or heavier plastic, if agreed upon during pre-spud inspection. The reserve pit banks will be 1.5 to 2.0 feet above pad, constructed in 8 inch lifts, machinery compacted and sufficiently wide for equipment to pass over. The reserve pit will be fenced, with 36 inch woven wire and 1 strand of barbed wire on top, on 3 sides before drilling starts and on 4th side as soon as the driling is completed. The fence will be kept in good repair while the pit is drying.
- 7. Improvement to the existing road will not be necessary. Adequate maintenance will be done to insure drainage control, including ditch and crown design and drainage dips.
- 8. New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to Class II road standards. In the event of production a temporary road in wash bottom will be used for construction and drilling phases only. Future use/maintenance of the road will be determined by production. Trees and vegetation will be windrowed on the uphill side.
- 9. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Dakota formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

Your Application for Perrit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
 - (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

PRODUCTION

- 1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled/windrowed topsoil will be used in reclaiming the unused areas.
- 2. All above-ground production facilities will be painted using the attached suggested colors.
- 3. Any burning will require a permit from the State Land Forestry and Fire Control office in Moab. Contact Paul Pratt at (801) 259-6316.
- 4. Production facilities will be located on the south side of the location.
- 5. All pipelines should follow existing access routes where feasible.

REHABILITATION

- Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the portable trash cage and will be hauled to a local town dump site. Do not leave any trash in pits.
- 2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801) 259-8193, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
- 3. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and any trash (barrels, metal etc.) it contains will be removed from public lands.
- 4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
- 5. The stockpiled/windrowed topsoil will be evenly distributed over the disturbed area.
- 6. All disturbed areas will be scarified with the contour to a depth of 10 inches. Do not smooth pads out, leave a roughened surface.
- 7. Seed will be broadcast/drilled at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
- 8. After seeding is complete the stockpiled trees and vegetation will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.
- 9. Waterbars will be used as needed on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2% 2-4% 4-5% +5%	200 ft. spacing 100 ft. spacing 75 ft. spacing 50 ft. spacing
	•



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green

(Sears)

Tumbleweed

(Pratt & Lambert)

Sage Gray

(Pratt & Lambert)

Bookcliffs Region:

Sage Gray

(Pratt & Lambert)

Sea Life

(Pratt & Lambert)

Dynasty Green

(Sears)

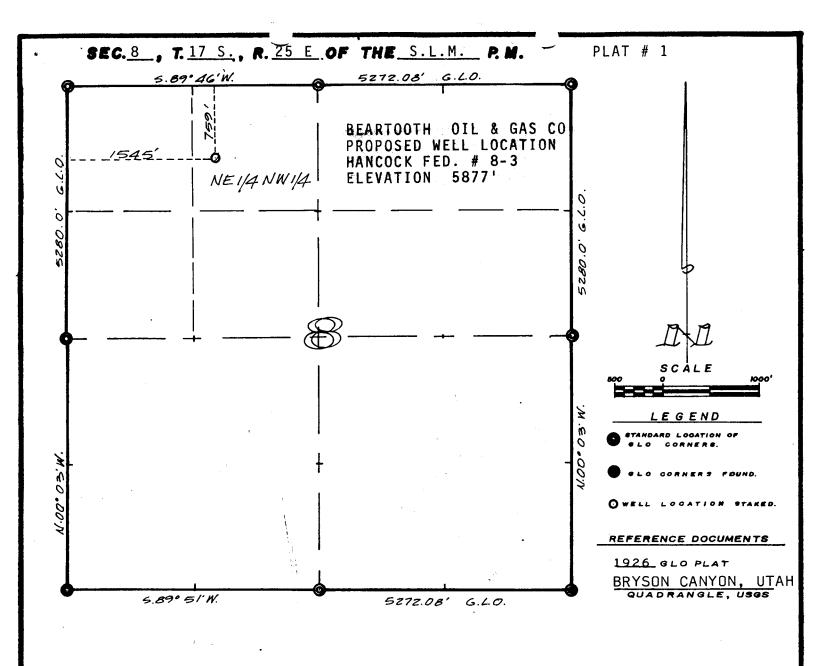
Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

SEED MIXTURE

Species		Rate 1bs/acre
Grasses		
Elymus salinus Hilaria jamesii Oryzopsis hymenoides	Salina wildrye Galleta (Curlygrass) Indian ricegrass	1 1 1
Forbs	÷	
Helianthus annuus	Common sunflower (Kansas sunflower)	.5
Melilotus officinalis Sphaeralcea coccinea	Yellow sweetclover Scarlet globemallow	.5 .5
Shrubs		
Atriplex canescens	Fourwing saltbush (White greasewood)	1
Eurotia lanata	Winterfat (Whitesage)	1.5
	Total	7

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)



THIS WELL LOCATION PLAT WAS P	REPARED FOR	BEARTOOTH OIL & GAS CO.
AS REQUESTED BY KEN CURREY		TO LOCATE THE
HANCOCK FEDERAL # 8-3	759' FN L	a 1545' F. W. L.,
IN THE NE 1/4 NW 1/4, OF SECTION		· · · · · · · · · · · · · · · · · · ·
GRAND COUNTY,	UTAH	



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

MAHY L.S. NO. 4189

PRAWN 10-13-82 ENERGY
SURVEYS & SURVEYS & GRAND JUNCTION, CO. 8:501
CHECKED 10-15-82 ENGINEERING CORP. SOS 248-7221

TYPELVE POINT PLAN OF DEVELOPMENT FOR SURFACE USE FOR THE BEARTOOTH OIL & GAS COMPANY

Hancock Federal #8-3 NE4NW4 Section 8-T17S-R25E Grand County, Utah

1.

. !		ting Roads - a legible map showing:
		Proposed well site as staked. (Actual staking should include two each 200-foot directional reference stakes.): See Survey Plat #1.
		Route and distance from nearest town or locatable reference point to where well access route leaves main road: This well is about 20 miles northwest of Mack, Colorado. It is reached by going 9.5 miles west of Mack on old Highway 6 & 50; turn north (right) and go 9.8 miles up the San Arroyo Gas Plant road; turn left (west) and go 0.9 miles; then turn right (northwest) and go 0.2 miles to the beginning of the 1.7 miles of new access road.
	С.	Access road(s) to location color-coded or labeled: The existing road is colored green and the new road is colored red.
	D.	If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.): N/A
	Ε.	If development well, all existing roads within a 1-mile radius of wellsite: All existing roads are shown on Map #1.
	F.	Plans for improvement and/or maintenance of existing roads: The existing roads are controlled by Grand County, Utah. Occasional blading is done by producing and pipeline companies in the area.
		width & Disturbance: The 1.7 miles of new road will be constructed with an 18' running surface with a total disturbed width varying from 25 to 100 feet. All trees will be windrowed above the road area.
	(2)	where the road climbs through rims.
	(4	
	(5) Location and size of culverts and brief description of any major cuts and fills: The road has 3 low water crossings.
	((6) Surfacing material: Native material only; no material will be brought in.
		(7) Necessary gates, cattleguards, or fence cuts: There is an old drift fence crossed by this road. A gate will be installed at this crossing.
		(8) New or reconstructed roads are to be center-line flagged at time of location staking: The road is flagged.
		Staking.

Location of Existing Wells

Two-r show	mile ra ing and	adius map if ex d identifying e	ploratory, or 1-mile radius map ii development nove xisting (see Well Map No. 2)
(1)	Water	wells: Non	2
(2)	Abando	oned wells:	One (junked)
(3)	Tempo	rarily abandone	d wells: None
(4)	Dispo	sal wells:	None
(5)	Drill	ing wells:	None
(6)	Produ	icing wells:	Three
(7)	Shut-	in wells:	None
(8)	Injec	ction wells:	None
(9)	Monit	toring or obser	vation wells for other resources: None
Loca	ation (of Existing and	/or Proposed Facilities
Α.	or co	ntrolled by les	
	٠,		None
	2. P	Map No. 2	ities: <u>Meter runs and separators @ gas wells shown on</u>
		Oil gathering l	ines: None
	(4)	Gas gathering l	ines: <u>See pipeline map</u>
	(5)	Injection lines	: None
	(6)	Disposal lines:	None
			if any of the above lines are buried.)
В.			e contemplated, in the event of production, show:
	(1)	Proposed locat All proposed f	ion and attendant lines by flagging if off of well pad: acilities will be on the pad.
	(2)	Dimensions of meter run 5' with the envi	facilities: See Plat No. 4. Separator 5' x 10', x 8', on drillsite pad and painted green to blend ronment.
	(3)		ethods and materials: No materials necessary. All coated, wrapped, and buried. See Plat No. 4.
	(4)	Protective mea	sures and devices to protect livestock and wildlife:
	\ ·/	A 10' x 10' V	sures and devices to protect fivestock will be fenced. water pit within 50' of the separator will be fenced. I or fiberglass shelter will be around the wellhead.
		A motor goo.	

Page		
4.	Locat	ion of Existing and/or Proposed Facilities (Continued)
	C. I	Plan for rehabilitiation of disturbed areas no longer needed for operations after construction is completed: Upon completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to original terrain. Upon abandonment, all disturbed areas, including the location and access road, will be re-contoured, ripped or scarified as needed, and re-vegetated using a seed formula as specified by the BLM. Seeding will be done in the fall.
5.	Loca	tion and Type of Water Supply
	Α.	Show location and type of water supply either on map or by written description: The water supply for this well is West Salt Creek. The pick up point is 2 miles west of Mack, Colorado.
	В.	State method of transporting water and show any roads or pipelines needed: Water will be transported by truck over the existing roadways and proposed access.
	С.	If water well is to be drilled on lease, so state. (No APD for water well is necessary, however, unless it will penetrate potential hydrocarbon horizons): No water well is to be drilled.
6.	Sau	urce of Construction Materials
0.	A.	Show information either on map or by written description: No construction materials will be used other than native materials.
		Identify if from Federal or Indian land: Not applicable.
	В.	Describe where materials, such as sand, gravel, stone, and soil material are to be obtained and used: Soil from cuts will be used for fills. No outside material will be brought in.
	D.	Show any needed access roads crossing Federal or Indian lands under Item 2:
- 7	7∙ <u>M</u> ∈	ethods for Handling Waste Disposal escribe methods and disposal of waste materia
	i :	ncluding: 1) Cuttings: Cuttings will be buried in the reserve pit.
	(
	(2) Drilling fluids: Drilling fluids will be handled in the reserve pit and left to evaporate.
	,	2) Produced fluids (oil, water): Any fluids produced during drilling test or

Mhile making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, qas, salt water or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of onsite for 30 days only, or 90 days with permission of District Supervisor. After that time, application will be made for approval of permanent disposal method in compliance with NTL-2b, and the rules and regulations of the State of Utah.

	ds for Handling Wasterbisposal (Continued)
4)	Sewage: Human waste will be disposed of in chemically treated sanitary pits.
	much wire to prevent will scattering a disting of testing
	A 1-00 Waste SAITS down of the said waste said and losed with
	111 La bandied in a ligali cugo.
	nit will be fenced on 5 sides ed
1	the time of rig release.
(6)	Statement reparding proper cleanup of wellsite area when rig moves out.
(0)	prilling fluid in pit, which
	11 he left to dry, it necessary.
	remaining fluid and cuttings; the
	pit and location area.
Anc	llary Facilities
Ide	otify all proposed camps and airstrips on a map as to their location, area
sta	(ed on the ground): No all strip; ogg
	during drilling of this well.
	·
	Isite Layout
۸ ۰	lat (not less than $1'' = 50'$) showing:
ΑР	Cross sections of drill pad with cuts and fills: See Plat No2-A
(1)	Cross sections of arili pad with costs and
(2)	s illian and coll material stocky.
	facilities, and sorr meet
(3	narking areas and access roads: See Plat No. 3
(4) Statement as to whether pits are to be lined or unlined. (Approval as used in this section means field approval of location. All necessary staking of facilities may be done at the time of field inspection. A registered surveyor is not mandatory for such operations): Pits will be unlined.
	15 HOL Mandetory
0. F	lans for Restoration of Surface
J. 1	tate restoration program upon completion of operations, including:
Ś	t disposal segregation of
	(1) Backfilling, leveling, contouring and waste disposal; segregation of spoils materials as needed: If well is abandoned, site will be restored spoils materials as needed: as possible. Backfilling, levelling,
	spoils materials as needed. It were sible Backfilling, levelling,
	to original condition as nearly as possible. Back. to original condition as nearly as possible. Back. and contouring are planned as soon as all pits have dried. Waste and contouring are planned as soon as all pits have dried. Waste
	and contouring are planned as soon as all pits have dired. Western and contouring are planned as soon as all pits have dired. Western and contouring are planned as soon as all pits have dired. Western and contouring are planned as soon as possible disposal and spoils materials will after drilling is completed. If
	disposal and spoils materials will be buried or nauted away disposal and spoils materials will be buried or nauted away disposal and spoils materials will be completed. If to an approved sanitary land fill after drilling is completed. If production is obtained, the unused area will be restored as soon as possible production is obtained, the unused area will be restored as soon as possible production is obtained.
	production 13 obtains a factorially per BLM
	(2) Revegetation and rehabilitation, including access roads (normally per BLM recommendations): The soil banked material will be spread over the area.
	recommendations): The soil banked material will be spices Re-vegetation will be accomplished by planting mixed grasses as per BLM specifications.
	BLM specifications:
	(3) Prior to rig release, pits will be fenced and so maintained until clean-
•	Three sides of the reserve pit will be fenced during drifting and Three sides of the reserve pit will be fenced during drifting and closed off on the 4th side following rig release to prevent livestock or closed off on the 4th side following rig release to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling wildlife from entering; and the fencing will be maintained until leveling.
	wildlife from entering; and the rending with some accomplished.
	lichad

10. Plans for Restoration of Surface (Continued)

- If oil on pit, remove oil or install overhead flagging: <u>If any oil is</u> (4) on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- Timetable for commencement and completion of rehabilitation operations: The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and re-vegetation is considered best in the fall, between Sept. 15 and Nov. 15.

Other Information 11.

General description of:

(1)	Topography, soil characteristics, geologic features, flora and fauna:
(1)	The area is rough with steep rimmy sideslopes as that common to the
	Rooksliffs The soils are shallow and rocky. Vegetation consists
	of sagebrush, juniper and mixed grasses. Rabbits, coyotes and lizards
	are the noticiable wildlife species.

- Other surface use activities and surface ownership of all involved lands: The area supplies limited wildlife forage.
- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites: The nearest occupied dwelling is the San Arroyo Gas Plant. The nearest live water is the Colorado River. A cultural resource survey has been made and the report is filed with

the BLM in Moab.

Lessee's or Operator's Representative 12.

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan:

James G. Routson Beartooth Oil & Gas Company P. O. Box 2564 Billings, MT 59103 Office Ph: 406-259-2451 406-245-8797 Home Ph:

Ken Currey Box 1491 Fruita, CO 81521

Mobile Phone: 303-245-3660 Unit 5858

Home Ph; 303-858-3257

Certification

The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Beartooth Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/15/82

1 Lamett A. Currer

Date

WELL CONTROL PLAN

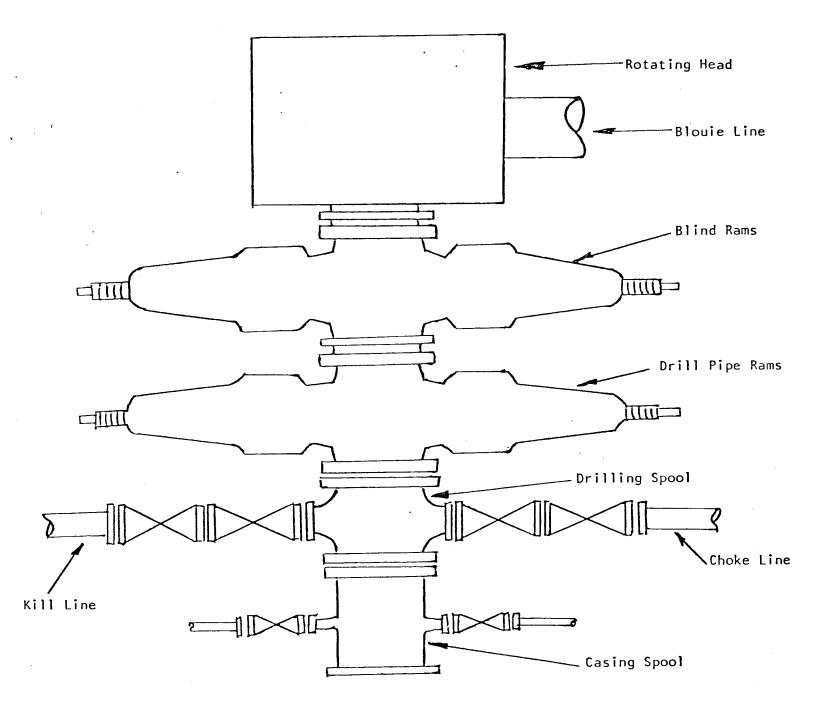
- 1. Surface Casing: 9-5/8" O.D., 32.3 #/ft., Grade H-40, Short T&C, set at 300' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
- 2. Casinghead Flange: 9-5/8" x 10 900 series casinghead with two 2" 2000 psi L.P. outlets.
- 3. Intermediate Casing: 7", 20#, K-55, set at 900' and cemented with 150 sacks. The intermediate spool will be 10" 900 x 10" 900 series with two 2" 2000 psi L.P. outlets.
- 4. Blowout Preventor: A 10" 3000 psig W.P. double gate hydraulic shaffer BOP (or equivalent) with drill pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P. A Grant rotating head will be used while air and mist drilling. A new rubber will be installed prior to drilling through the Dakota. BOP's will be worked daily. Blind rams will be checked during trips. BOP's will be tested to 1000 psi prior to drilling shoe joint on surface casing and intermediate casing.
- Auxiliary Equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained. (c) Upper kelly cock will be used. (d) Stabbing valve will be kept on floor.
- 6. Anticipated bottom hole pressure is less than 800 psi at 4990 or a gradient of .16 psi/ft or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

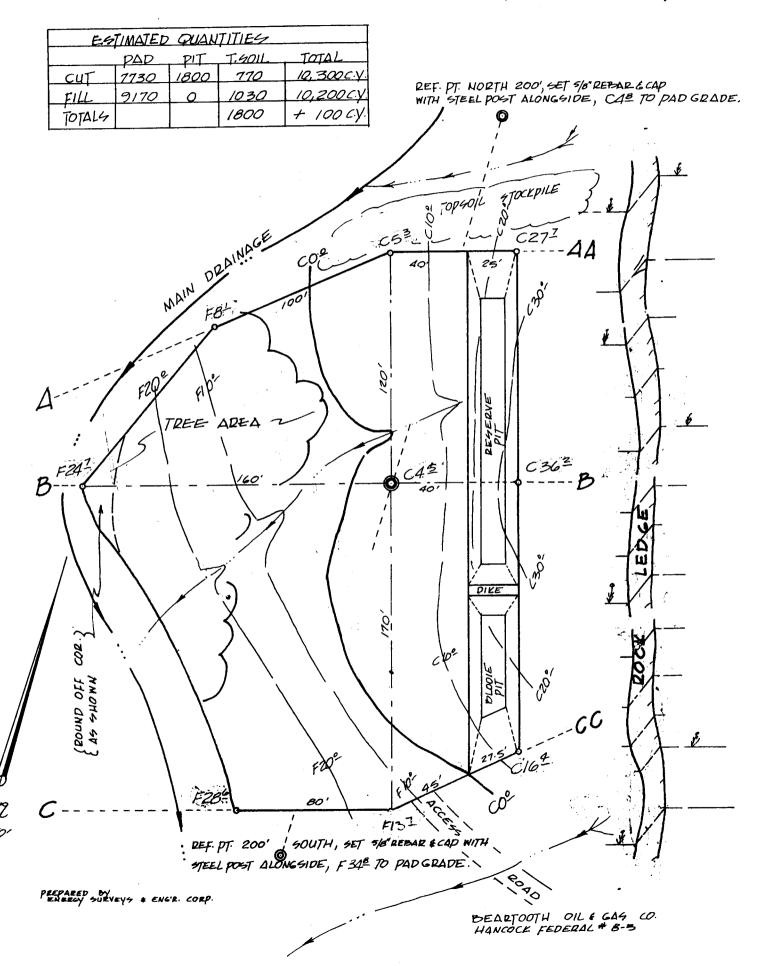
BEARTOOTH OIL & GAS COMPANY

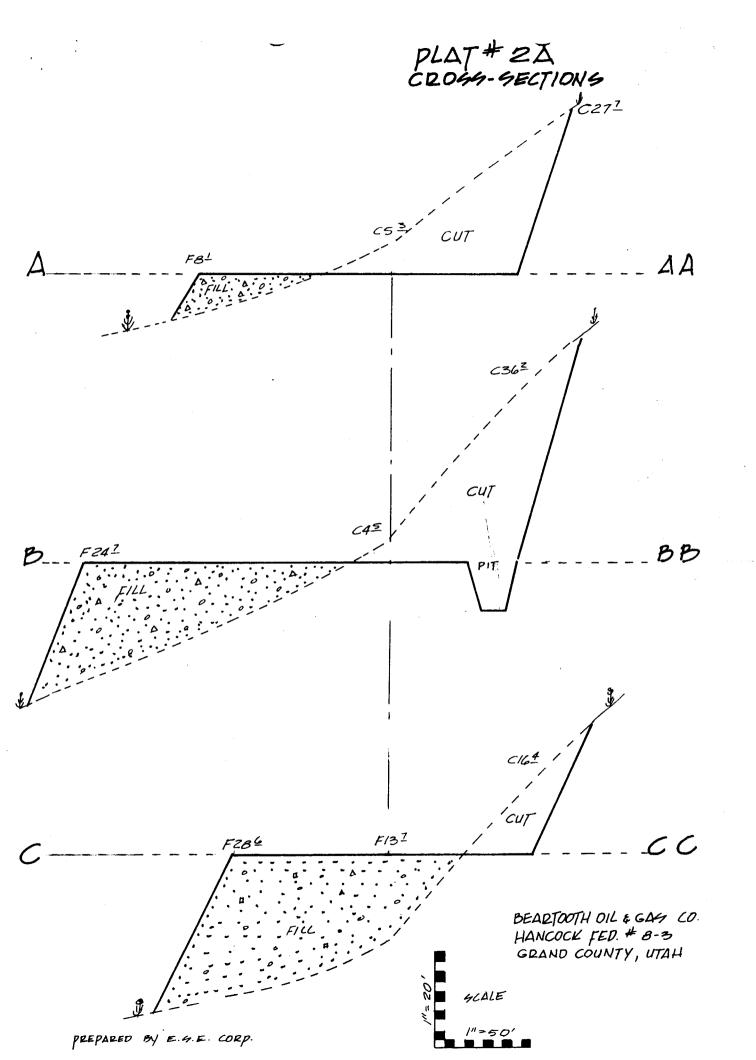
By: Ams J-Rowson, Petroleum Engineer

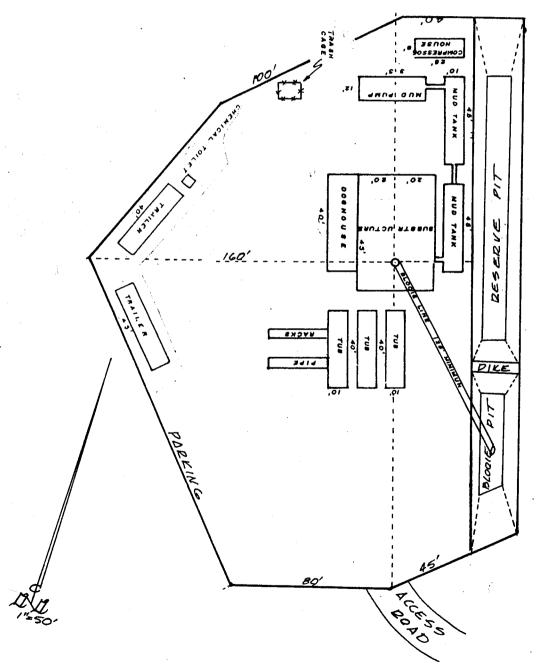
Air drilled wells using 900 series wellhead equipment.

Interval from 300' to total depth.





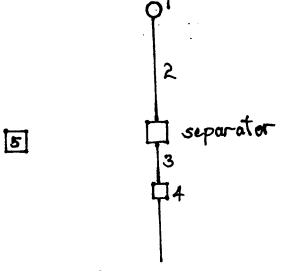


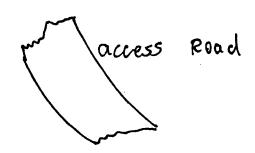


BEARTOOTH OILE GAG CO. HANCOCK FEDERAL# 8-3 GRAND COUNTY, UTAH

PREPARED BY ENERGY SURVEYS & ENG'D. CORP.

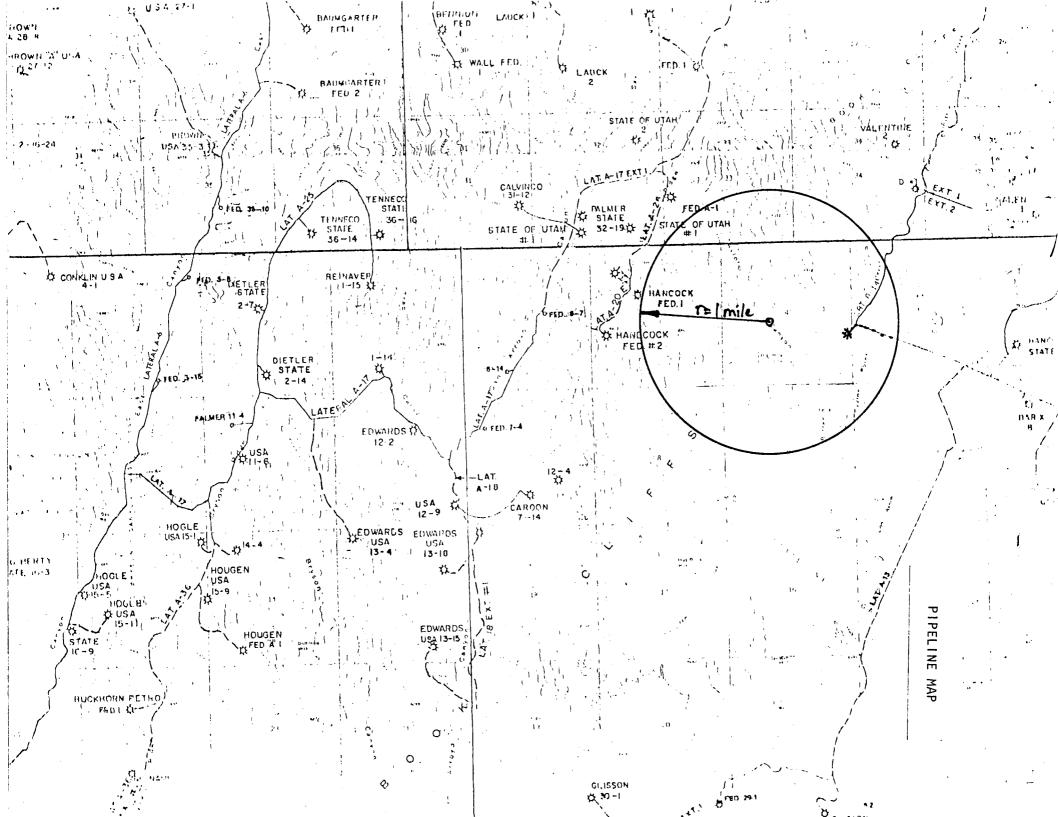






- Wellhead will be an 8-5/8", 2000 psi WP Larkin Fig. 92 or equivalent. Tubing head will be $4\frac{1}{2}$ " x 6" 900 top with two 2" x 3000 psi screwed valves. Tree will be 2" screwed x 2000 psi W.P.
- Line between wellhead and separator will be approximately 100 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approximately 5 feet deep.
- 3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried, and will be approximately 25 feet in length.
- Meter run will be American 4" run, 500 psi static rating, 100" of water differential rating.
- 5. Pit, if necessary, will be $8' \times 8'$, enclosed by dikes and fenced.

							Ĭ	i			E	eart Fed.	ooth 33-1	6			+	5	ГХФ Б	ed. (:-								
TE TE						茶		thwes				*					tine	.	- 35			TXO	State	:	R25E		31		
, L	**************************************	31	nnec			-\$				Be Fe	artos d.33-	oth -8 – 3	χ <u>.</u>			3		d. D-	- I	a ir	, Z	E ITXO	/2 S				£ #1	5V - 31 I	Fe
<u> </u> 175	<u> </u>		 	 P21	ner F	1	_ ' _	<u>!</u> +	_ <u></u>	<u> </u> 		Beart Govt		17175	<u> </u>	T.	xo O)-#1			/0	<u> </u>	_ <u> </u>	T	165	T1	<u>_</u>
				ran					TX0-7	1-1	ed:	bvt	11	1,1,3			-	ļ		ooth I	ļ	3-8		<u></u>				- ' '	1
-					X	<u> </u>	بر ا	_[1	(D #1) #2 F	Fed.	1		<u> </u>	ianco	#10	Gov'	h .			-\t	ļ	-							 -
-			P.) me	Fed.		-\ \	IXC		ea.	- #	pin				ļ 		1950 -	k	1	Han	cock	Lovt	#/					\downarrow
le.	Π.	enne	co	7	6-14	<u>+!</u> -i	-	ا ا	=1	mi	e.		#1 ov't	<u>:</u>	1	<u> </u> 	<u> </u>	<u> 사</u>	#1	ped.	Terr	a Uni	t #8					#7	1/
*	Fle	d 1	-2 -;;;	l Aa	lmer	-			 		ļ <u>.</u>	 	ļ <u>.</u>							*		AMAX	'6 Ga	v't			Bə	т X	
12			· -	F 	lmer d. 7-	-			ļ -		 	/ _	Нa	\ - 	/19 (OV†	Hanc	ock #2	_	 	 	<u> </u>		ا	₹RAX 43 Gc				
tre Ju	•nd ∠#5	, *	Tenr	eco *	Fed 1	2-4 		-	 		Harr	pck #4 Gov		12	/19 C	-	~	Gov'		ļ		 		Υ	/3 Gd	۷'t ہہر	AMAX #1 G		
	√Un İ	ii t	L	124	lenn	100	-14	tea.	<u> </u>		11	Gov	t		<u> </u>	<u> </u>	İ			<u> </u>						ᄷ	4 6		1
.					ļ	ļ		ļ				بلا	Har #32	cock	<u> </u>					ļ		Lans Fed.	ale				_ Terr	-	1
- -	-		<u></u>	El P	so				Han	#35 Gov	-	M	#32 •	Govt	<u> </u>		 S			<u> </u>	<u>於</u> 	Fed.	14-1	1] 		#1	- Un	\
	.		Υ.	<u> 11</u>		ļ		<u> </u>	1	Gov'		1	anco	23 33	74	AMA	ov't			<u> </u>		ļ							-
<u>!</u>		35/16	RZBE	<u>!</u> [Hance	ck #44 ov't	<u> </u>	<u> </u>		ļ	*			ゲ					<u>:</u> 						R25E	12GE		<u>I</u>
				 		1 1	ov't	<u> </u>		O	th	}\\\	1 Go	v't			AMAX	#1		<u> </u>		ļ				[<u> </u>	S.	В
, 	-]	\ 	<u> </u>			Fe	d 20-		ļ,	 				'F	ront	e r	<u> </u> 2	Pe #3	35€ -Ò-			Peas	Bar	Cree		-
					ļ	<u> </u> 						ļ			. 					Ba	r Cr	₽eK	AMA #2	X-X		e əse . #1	Entra W	ם ח	
1	- -							Tenn	eco	- ф-		!	<u></u> 소	Ter	neco 2 Fe			-				! 	- Gov	(1)	<u> </u>	Fed.	X-		<u>!</u>
								Fed	29-1	Υ		<u></u>	Υ	28-	2 Fe	J				ļ	·						74 Ba	r	-
75 — -	-			lanco	#1			:				2								 ,					•		Crec		 - -
! 	-				Gov'			<u> </u>				<u></u>				Fed	tootl 27-9		ļ 			· 						G i	
<u> </u> 		$-\parallel$		<u> </u>		<u> </u>		<u> </u> 	 	· 		<u> </u>										!							<u> </u>
ļ					 															ļ <u>.</u>	 								G



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Beartooth Oil	& Gas
WELL NAME: Hancock Fed. 8-3	
SECTION NEWW 8 TOWNSHIP 17 S	S RANGE 25 E COUNTY Grand
DRILLING CONTRACTOR Veco	
RIG #2	
SPUDDED: DATE 1-28-83	
TIME 10:30 PM	
How Rotary	
DRILLING WILL COMMENCE	
REPORTED BY Grace Brown	
TELEPHONE # 406-259-2451	
! · · · · · · · · · · · · · · · · · · ·	
	H. A. Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and
DATF 2-1-83	SIGNED Norm

NOTICE OF SPUD Beartooth Del & Has Co. Company: Caller: Phone: Nancock Feel. #8-3 Well Number: NE/ Nuly Sec 8- 175-25-6 Location: Shand County: U-04984 Lease Number: Lease Expiration Date: Unit Name (If Applicable): Winter Camp Date & Time Spudded: 1-28-83 10:30 P.M. Dry Hole Spudder/Rotary: Details of Spud (Hole, Casing, Cement, etc.) ____/33/8" Lake Jan 95/8" to 323 KB; cmt. 250 St; Rotary Rig Name & Number: Veco Dulling Rig #2 WITH SUNDRY NOTICE FOLLOW -83 9:00 ×m. Date:

CC: Well file
Bim (mms) Vernal
VIT St. Of D

TAM
APD

UTTED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

	·
5.	TEASE U-04984
6.	IF INDIAN, ALLOTTEE OR TRIBE NAME
7.	UNIT AGREEMENT NAME Winter Camp
8.	FARM OR LEASE NAME Federal
9.	WELL NO. Hancock Federal No. 8-3
10.	FIELD OR WILDCAT NAME State Line
11.	SEC., T., R., M., OR BLK. AND SURVEY OF AREA NELYNWL Sec. 8-175-25E
12.	COUNTY OR PARISH 13. STATE Grand Utah
14.	API NO. 43-019-31013

Set @

DATE

Ft.

f ·	;
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME Winter Camp 8. FARM OR LEASE NAME
1. oil gas vell x other	Federal 9. WELL NO.
2. NAME OF OPERATOR	Hancock Federal No. 8-3
Beartooth Oil & Gas Company	State Line
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	NEHNWH Sec. 8-175-25E
AT SURFACE: 1059' FNL, 1694' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH:	Grand Utah
Salie	14. API NO. 43-019-31013
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	<u> </u>
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* DUMBLION OF	
(other) Status Report DIVISION OF	4
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is comeasured and true vertical depths for all markers and zones pertined	all pertinent details, and give pertinent dates
Well spudded with rotary rig at 10:30 PM or to 338'. Ran 8 joints 9-5/8", 32.3#, H-40 with 250 sacks Class "G", 3% CaCl ₂ , 1/4# co PM on 1/30/83.	casing to 323' KB. Cemented
TD 4850'.	
Ran 121 joints $4\frac{1}{2}$ ", 10.5#, J-55 casing to RFC cment - good returns throughout job.	4850'. Cemented with 175 sacks Plug down at 3:30 AM 2/6/83.

Waiting on completion tools.

Subsurface Safety Valve: Manu. and Type ____

18. I hereby certify that the foregoing is true and correct TITLE Delg Des Grace E. Brown (This space for Federal or State office use)

U__ IED STATES SUBMIT IN DU DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

IN DU TE*

(Statistics instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND BERIAL NO. U-04984

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG* In TYPE OF WELL: WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL WELL	WELL CO	MPLETION	OR REC	OMPLET	ION	REPORT A	AND LO	OG *	6. IF INDIA	N, ALLO	TTEE OR TR	IBE NAME
Name Name Select Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details Details D	1a. TYPE OF WEL	LL: OII		1111					- ** *****	_		
2. MAND OF OPERATOR S. ADDERS OF OPERATOR P. O. BOX 2564, Billings, Montana 59103 S. ADDERS OF OPERATOR P. O. BOX 2564, Billings, Montana 59103 S. WELL SO. Hancock Federal No. 10.59′ FNL, 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′ FNL 1654′		WORK DE	EP- PLU	K DIE	SVR.	Other			- 1	_	NAME	
### A ROBERTS OF OFFRATOR ### P. O. BOX 2564, Billings, Montana 59103 ### A tolation of Well (Report location clearly and in accordance with any State requirements)* ### At surface 1059* FNL, 1694* FWL ### At top prod. interval reported below Same ### At total depth Same ### At total depth Same ### At total depth Same ### At total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total depth Same ### A total d	2. NAME OF OPERAT			· .								
P. O. Box 2564, Billings, Montana 59103 4. LOCATION OF WELL (Report Incident clearly and in accordance with only State requirements)* At to prod. interval reported below At total depth same At total depth same At total depth same At total depth same 16. Date sproded 16. Date to be leaded 17. Date of the leaded 10/19/82 12. County on 18. Readed 17. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Date 18. Dat			as Compar	אַר							Federa	l No.
State Line At wirdner 1059 FNL, 1694 FWL Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same Same			Rillings	Montan	a 5910	13						
At total depth At total depth Same 14. FERMIT NO. DATE INSUED 12. COUNTY OR 13. STATE 14. PERMIT NO. 14. PERMIT NO. 14. PERMIT NO. 15. STATE 15. DATE SPUUDED 16. DATE T.D. REACHED 17. DATE COUPL. (Redgy 10 prod.) 18. ELEVATIONS (OP. RES., RT. OR, ETC.)* 19. ELEV. CASINGHEAD 17. DATE COUPL. (Redgy 10 prod.) 18. ELEVATIONS (OP. RES., RT. OR, ETC.)* 19. ELEV. CASINGHEAD 17. DATE COUPL. (Redgy 10 prod.) 18. ELEVATIONS (OP. RES., RT. OR, ETC.)* 19. ELEV. CASINGHEAD 17. DATE COUPL. (Redgy 10 prod.) 18. ELEVATIONS (OP. RES., RT. OR, ETC.)* 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 10 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 10 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 10 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 10 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 10 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 10 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 19. ELEV. CASINGHEAD 17. DATE COUPL. (REDGY 11 prod.) 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVATION 18. ELEVAT							menta)*					
At total depth Same 14. PERMIT NO DATE INSUED 12. COUNT OR CATED 13. STATE 14. PERMIT NO DATE INSUED 12. COUNT OR CATED 13. STATE 14. PERMIT NO DATE INSUED 12. COUNT OR CATED 13. STATE 14. PERMIT NO DATE INSUED 14. COUNT OR CATED 15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. LILVATIONS (OP. REA, RT. OR. RCC.)* 19. ELEY CASINGEED 17. DATE COMPL. (Ready to prod.) 18. LILVATIONS (OP. REA, RT. OR. RCC.)* 19. ELEY CASINGEED 17. DATE COMPL. (Ready to prod.) 18. LILVATIONS (OP. REA, RT. OR. RCC.)* 19. ELEY CASINGEED 17. DATE COMPL. (Ready to prod.) 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19. ELEY CASINGEED 19.							,				OR BLOCK AT	ND SURVEY
14. Permit No. 14. Permit No. 14. Permit No. 14. Permit No. 10/19/82 12. County or 13. State 14. 10/19/82 16. Date 10. Reached 17. Date count. 16. Permit No. 10/19/82 10/19/82 10/19/82 11. Date 10. 12. Permit No. 14. 15. Date 10. 15. Elexations (or, resp. re. 12. Permit No. 14. 15. Date 10. 15. Elexations (or, resp. re. 12. Permit No. 14. 15. Date 10. 15. Elexations (or, resp. re. 12. Permit No. 14. 15. Date 10. 15. Elexations (or, resp. re. 15. Date 10. 15.		terval reported b		ne						-	ec. 8-	178-25
15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEXATIONS (DF. REB. RT. Q. REC.)* 19. REFY. CASHGURAD 1/28/83 2/4/83 2/21/83 5828 GL. 5838 KB 2/21/83 5828 GL. 5838 KB 2/21/83 2/21/83 5828 GL. 5838 KB 2/21/83 5828 GL. 5838 KB 2/21/83 5828 GL. 5838 KB 2/21/83 5828 GL. 5838 KB 2/21/83 5828 GL. 5838 KB 2/21/83 2/21/83 5828 GL. 5838 KB 2/21/83 5828 GL. 5838 KB 2/21/83 670 70 70 70 70 70 70 7	At total depth	same		1 14 P	ERMIT NO		ATE ISSUED		12. COUNTY	r or	13. ST/	ATE
1/28/83				1				_			U	tah
20. TOTAL REPTH, MD & TVD 21. FLUG, BACK T.D., MD & TVD 22. HOW MARY? 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803' 4803'	15. DATE SPUDDED	16. DATE T.D.	REACHED 17.	DATE COMPL.	(Ready t	o prod.) 18.	ELEVATIONS	(DF, RE	3, RT, GR, ETC.)	19. 1	ELEV. CASIN	GHEAD
A850	1/28/83	2/4/8	33	2/21/83	;		58281	GL, 5	838' KB			
4850' 4803' Commingled — 0-TD 24. PRODUCING INTERVAL(8), OF THIS COMPLETION—TOP, BOTTON, NAME (MD AND TVD)* 4480-4486 - Morrison 4282-4363 - Dakota 26. TYPE ELECTRIC AND OTHER LOGS BUN DIL, GR/CDL/CNL 27. WAS WELL CORED DIL, GR/CDL/CNL 28. CASING RECORD (Report all strings set in well) 29. CASING RECORD (Report all strings set in well) 4-1/2" 10.5# J-55 4850' KB 13-3/4" 250 sacks Class "G" — 4-1/2" 10.5# J-55 4850' KB 6-1/4" 175 sacks RFC — 4-1/2" 10.5# J-55 4850' KB 6-1/4" 175 sacks RFC — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556' — 4-1/2" 4556	20. TOTAL DEPTH, MD	& TVD 21. PL		D & TVD 2					Ÿ.	OLS	CABLE	TOOLS
4480-4486 - Morrison 4282-4363 - Dakota 27. WAS WELL CORED DIL, GR/CDL/CNL CASING RECORD (Report all strings set in usell) CASING RECORD (Report all strings set in usell) CASING SIZE WEIGHT, LB/FT. DEFTH BDT (MD) 9-5/8" 32.3# H-40 323" KB 13-3/4" 250 sacks Class "G" - 4-1/2" 10.5# J-55 4850" KB 6-1/4" 175 sacks RFC DILNER RECORD EILE TOP (MD) SOUTH MIMBER TOP (MD) SOUTH MIMBER TOP (MD) SOUTH MIMBER TOP (MD) SOUTH MIMBER TOP (MD) SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER TOP (MD) SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER TOP (MD) SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER SOUTH MIMBER AMOUNT FOUND MIMBER FOODUCTION SOUTH MIMBER AMOUNT FOUND MIMBER FOODUCTION SOUTH MIMBER AMOUNT FOUND MIMBER FOODUCTION SOUTH MIMBER AMOUNT FOUND MIMBER FOODUCTION SOUTH MIMBER FOODUCTION SOUTH MIMBER FOODUCTION SOUTH MIMBER FOODUCT					comm	ingled		>	O-TD			:
10 10 10 10 10 10 10 10				TOP, BOTTOM	, NAME (1	MD AND TVD)*				25		
27. WAS WELL CORED DIL, GR/CDL/CNL CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LE/FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT FULLED											no :	
DIL, GR/CDL/CNL CASING RECORD (Report all strings set in well)							*			1 27. W	1.5	ORED
CASING RECORD (Report all strings set in well) SCASING RECORD (Report all strings set in well) SCASING SIZE WEIGHT, LE/FT. DEPTH SET (MD) BOLD SIZE CEMENTING RECORD AMOUNT PULLED											no	
CABING BIZE WEIGHT, LB./FT. DEPTH BET (MD) HOLE BIZE CEMENTING RECORD AMOUNT FULLED		INTODET CITE		ASING REC	ORD (Res	ort all strings	set in well)					
10.5# J-55		WEIGHT, LB.						CEMENTIN	G RECORD		AMOUNT	PULLED
10.5# J-55	9-5/8''	' 32.3# H-	-40	323' KB	13.	-3/4"				'		
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)				850' KB	6.	-174"	175 s	acks	RFC		-	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)				<u> </u>							<u> </u>	·
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)					<u> </u>						<u> </u>	
31. PERFORATION RECORD (Interval, size and number) 4480-448631" dia - 7 holes total 4282, 4286, 4290, 4294, 4330, 4336, 4343, 4354, 436331" dia - 9 holes total 100 mesh sand, 80,000# 20-40 sand. 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED 550 gal. 15% MR acid; foam 100 mesh sand, 80,000# 20-40 sand. 33. PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ATER FIRST PRODUCTION ANOUNT AND KIND OF MATERIAL USED 550 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 4282-4363 500 gal. 15% MR acid; foam 500 gal. 16% MR acid; foam 500 gal. 16% MR acid; foam 600 gal. 16		mon (Mn)		··	PM PN T	L SOREEN (MD		- T			DACEPR S	er (MD)
S1. PERFORATION RECORD (Interval, size and number) S2. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.	BIZE	TOP (MD)	BOTTOM (MD	SACKS	BMENT	SCREEN (MD				MD)	PACKER 81	EI (MD)
4480-448631" dia - 7 holes total 4282, 4286, 4290, 4294, 4330, 4336, 4343, 4354, 436331" dia - 9 holes total Fract w/7,000 qal. foamed 5% HCl, 20,00 mesh and, 80,000# 20-40 sand. PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTIO								1/2	4220			
4282, 4286, 4290, 4294, 4330, 4336, 4343, 4354, 436331" dia - 9 holes total	31. PERFORATION REC	COED (Interval, s	ize and numbe	r)		82.	ACID, SH	OT, FRA	CTURE, CEME	NT SQU	EEZE, ETC	
4282, 4286, 4290, 4294, 4330, 4336, 4343, 4354, 436331" dia - 9 holes total	14180-14186	- 21U di:	a - 7 hol	es total		DEPTH INTE	ERVAL (MD)	.	AMOUNT AND K	IND OF 3	MATERIAL U	SED
4343, 4354, 436331" dia - 9 holes tota						4282-4	363	550	gal: 15%	MR a	acid; f	oam
PRODUCTION SATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) Shut-in PATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST PERIOD TEST WATER—BBL. OIL GRAVITY-API (CORR.) PRODUCTION WELL STATUS (Producing or shut-in) Shut-in TEST WATER—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) PRODUCTION TEST WITNESSED BY TEST WITNESSED BY Ralph Snow Ralph Snow TEST WITNESSED BY Ralph Snow TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WITNESSED BY TEST WIT	4343, 4354	4. 4363 -	.31" dia	- 9 hole	s tota	a <u>1</u> f	ract w/	<u>77,00</u>	0 gal. fc	amed	5% HC1	, 20,0
ATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-	1313, 132	, , ,				1	00 mest	<u>şand</u>	<u>, 80,000#</u>	20-1	10 sand	•
ATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-in Shut-				t.	- Proc							
Test period of test hours tested choke size prod'n. for test period 727 Gas—Mcf. Water—BBL. Gas—oil ratio 727 Color tubing press. Casing pressure calculated oil—BBL. Gas—Mcf. Water—BBL. Oil gravity-api (core.)	DATE FIRST PRODUCT	FION PROI		i			nd type of 1	oump)	WEL	L STATUS	- /-	
2/21/83 8½ hrs 1" —		HOURS TESTED		IZE PROD		OIL-BBL.	GAS-	-MCF.	WATER-B	BL.	GAS-OIL BAT	rio
79 psi 670 psi 24-HOUR RATE 2054 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold Ralph Snow	2/21/83	8½ hrs	1''	TEST	PERIOD		7	727		Ì		
79 psi 670 psi 2054 TEST WITNESSED BY to be sold Ralph Snow	LOW. TUBING PRESS.	i .	24-HOUR		-BBL.			WATE	R-BBL.	OIL GP	RAVITY-API ((CORR.)
to be sold Ralph Snow		· · · · · · · · · · · · · · · · · · ·	i	→		205	4					
10 50 5010	34. DISPOSITION OF G	_	_	tc.)					_			
OU. MIGI OF BILBULEMENTS	25 Tiem on Ammior		0	· · · · · · · · · · · · · · · · · · ·					1 11			
	, LIGI OF ATTACES	MENIO		•							, , , , , , , , , , , , , , , , , , ,	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	36. I hereby certify	that the forego	ing and attache	d informatio	n is comp	lete and correc	t as determ	ined from	n all available	records		
SIGNED STATE Petroleum Engineer 2/22/83	signed Sh	mis 12-1	Rutin							2	2/22/83	

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regeards to local submitted, particularly with regeards to local submitted, particularly with regeards to local submitted, particularly with regeards to local submitted, particularly with regeards to local submitted, or local submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Here 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

or Federal office for specific instructions.

Hern 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hers 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH	ROUS ZONES: HTANT ZONES OF PO TESTED, CUSHION	MARY OF POROUS ZONES: show all important zones of porosity and contents thereof; depth interval tested, cushion used, time tool open, flowing	IS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING IN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLO	GEOLOGIC MARKERS	
FORMATION	TOP	воттом	· DESCRIPTION, CONTENTS, ETC.		TOP	a.
				1451	MEAS. DEPTH	TRUE VERT. DEPTH
<i>7.</i> -				Dakota Silt	4163'	
				Dakota Sand	42491	
				Morrison	14544	
				Salt Wash	4787	e e
				:		
					_	

871-233

FILE IN TRIPLICATE FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Hancock Federal No. 8-3	
Operator Beartooth Oil & Gas Company Address P. O. Box 256	54, Billings, Montana
Contractor Veco Drilling Company Address Grand Junct	ion, Colorado
Location NE $\frac{1}{4}$ NN $\frac{1}{4}$ Sec. $\frac{8}{7}$ T. $\frac{175}{256}$ R. $\frac{256}{256}$	County Grand
Water Sands	
Depth Volume	Quality
From To Flow Rate or Head	Fresh or Salty
1NONE ENCOUNTERED.	
2	
3	
4	
5.	
(Continue of reverse side if necessary)	
Formation Tops	
Remarks	

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
 - (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

(November 1983) (Formerly 9331)	DEPARTMENT OF THE INT		5. LEASE DESIGNATION AND BERIAL NO U-04984 PCW/K-MR
	ORY NOTICES AND REPOR		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 030207
OIL GAS WELL 2. NAME OF OPERATOR DIPLOTON M		FEB 24 1988	7. UNIT AGREEMENT NAME 8. PARM OR LEASE NAME
BURTON W. 3. ADDRESS OF OPERATOR 4. LOCATION OF WELL (Re	P. O. Box 989 Billings, MT 59103 port location clearly and in accordance wit	CiL, GAS & MINING	Federal No. 8-3 No. FIELD AND POOL, OR WILDCAT
See also space 17 belov At surface	59' FNL, 1545' FWL	•	State Line 11. BRC., T., B., M., OR BLE. AND BURYBY OR ARMA
14. PERMIT NO. 43-019-31013	15. ELEVATIONS (Show whether 5828' GL, 5		NET NWT Sec. 8: T17S-R25E 12. COUNTY OF PARISH 18. STATE GRAND UTAH
16.	Check Appropriate Box To Indica	ate Nature of Notice, Report, or C	Other Data
	TICE OF INTENTION TO:		JENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR (proposed work, If we nent to this work,) *	MULTIPLE COMPLETE ABANDON* CHANGE PLANS COMPLETES OPERATIONS (Clearly state all pewell is directionally drilled, give subsurface)	Completion or Recompl	of multiple completion on Well letion Report and Log form.)
the post	immediately, please chang	The new street address is	402 Petroleum Building,
•	Montana 59101. Phone no	umbers remain the same as	submitted on a
,			
OLINEO MARA	ROUTSON TITLE of State office use)	Agent for Operator	DATE February 15, 1988

*See Instructions on Reverse Side

DATE __

TITLE ___

APPROVED BY ______CONDITIONS OF APPROVAL, IF ANY:

SHOOT OR ACIDIZE

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

C	IVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION U-04984	AND SERIAL NO.
	NOTICES AND REPORTS ON WELLS proposals to drill or to deepen or plug back to a different reservoir. PPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTES	OR TRIBE NAME
OIL GAS X OT	HFR	7. UNIT AGREEMBNY NA Winter Camp	MB
NAME OF OPERATOR		8. FARN OR LBASE NAM	I B
Beartooth Oi	I & Gas Company	Federal	
. ADDRESS OF OPERATOR		9. WELL NO.	
P. 0. Box 25	64, Billings, Montana 59103	Hancock Fede	ral No. 8-3
i. LOCATION OF WELL (Report loc See also space 17 below.) At surface	ation clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OF Undesignated	_
1059' FNL	, 1694' FWL	11. SEC., T., B., M., OR B SURVEY OR AREA	LE. AND
		NE‡NW‡ Sec.	8-17S-25E
14. PERMIT WO.	15. BLEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	18. STATE
43-019-31013	5828' GL, 5838' KB	Grand	Utah
e. Che	ck Appropriate Box To Indicate Nature of Notice, Report, o	r Other Data	
MOTICE OF	INTERPRETOR TO	BOUBNT REPORT OF:	

	REPAIR WELL		CHANGE PLANS			(Other)
	(Other)	Change o	f Operator	<u>√</u>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
7.	proposed work. nent to this work	If well is dir	OPERATIONS (Clear rectionally drilled, g	ly stat	e all per bsurface	inent defails, and give pertinent dates, including estimated date of starting any locations and measured and true vertical depths for all markers and zones perti-

SHOOTING OR ACIDIZING

The Operator for the above well has been changed back to:

PULL OR ALTER CASING

Burton W. Hancock 1799 Hamilton Avenue San Jose, California 95125

RECEIVED

REPAIRING WELL

MAY 2 5 1984

DIVISION OF OIL GAS & MINING

81GNED Robert D. Ballantyne	TITLE Drilling Supervisor	DATE 5/22/84
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE